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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small; margin: 0;">(Use as many sheets as necessary)</p>	<p style="text-align: center; font-weight: bold; margin: 0;">Complete if Known</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Application Number</td> <td>10/825,894</td> </tr> <tr> <td>Filing Date</td> <td>4/15/2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Zeng et al.</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>MS1 - 1890US</td> </tr> </table>	Application Number	10/825,894	Filing Date	4/15/2004	First Named Inventor	Zeng et al.	Art Unit		Examiner Name		Attorney Docket Number	MS1 - 1890US
Application Number	10/825,894												
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Attorney Docket Number	MS1 - 1890US												
Sheet 1 of 1													

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JL		US- 20030065632	4/3/2003	Hubey, Haci-Murat	
JL		US- 20030110181	6/12/2003	SCHUETZE, HINRICH; et al.	
JL		US- 20030233370	12/18/2003	Barabas, Albert B.; et al.	
JL		US- 5,297,042	3/22/1994	Morita	
JL		US- 5,812,134	9/22/1998	Pooser, et al.	
JL		US- 6,742,003	5/25/2004	Heckerman, et al.	
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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10825894		
	Filing Date		2004-04-15		
	First Named Inventor	Hua-Jun Zeng			
	Art Unit				
	Examiner Name				
	Attorney Docket Number		MS1-1890US		

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JL	1	EP0809197						<input type="checkbox"/>

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	First Named Inventor	Hua-Jun Zeng
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	Examiner Name	
	Attorney Docket Number	MS1-1890US

JL	1	Attardi, G. et al.: "Automatic web Page Categorization by Link and context Analysis" Proceedings of THIA, European Symposium on Intelligence, 1999. *the whole document*	<input type="checkbox"/>
JL	2	Brin S et al: "The anatomy of a large-scale hypertextual web search engine" Computer Networks and ISDN Systems, North Holland Publishing. Amsterdam, NL, Vol. 30, No. 1-7, April 1998, Pages 107-117.	<input type="checkbox"/>
JL	3	Harmandas, V. et al. "Image Retrieval by Hypertext Links" Association For Computing Machinery. Proceedings of the 20th Annual International ACM-SIFIR Conference on Research and Development in Information Retrieval. Philadelphia, PA, July 27-31, 1997, Pages 296-303.	<input type="checkbox"/>
JL	4	Smith, J.R. et al.: "An Image and Video Search Engine for the World-Wide Web" Storage and retrieval for image and video databases 5. San Jose, Feb. 13-14, 1997, Proceedings of SPIE, Bellingham, SpIE, US, Vol. 3022, pages 84-95.	<input type="checkbox"/>
JL	5	Westerveld, T. et al: "Retriving Web Pages using Content, Links, URLs and Anchors" Test Retrieval Conference. Proceedings, XX, XX, 13, November 2001, pages 663-672.	<input type="checkbox"/>

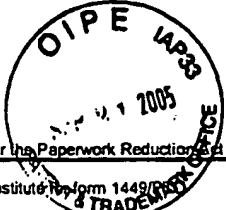
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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/825,894
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Attorney Docket Number	MS1- 1890US

Sheet 1 of 2

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		Number-Kind Code ² (if known)			
JL		US- 6,169,986	1/2/2001	Bowman, et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
JL		EP 1320042	6/18/2003	Overture Services, Inc.		

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				Application Number	10/825,894	
				Filing Date	4/15/2004	
				First Named Inventor	Hua-Jun Zeng et al.	
				Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number	MS1 - 1890US	

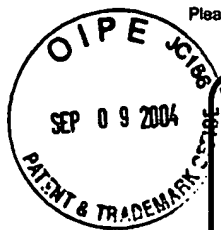
NON PATENT LITERATURE DOCUMENTS			
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JL		Raghavan et al, "On the Reuse of Past Optimal Queries", SIGIR '95, Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, July 9, 1995, pp. 344-350.	
JL		KIM et al, "A Comparison of Collocation-Based Similarity Measures in Query Expansion", Information Processing & Management, Elsevier Science Ltd, vol. 35, No. 1, January 1999 pp. 19-30.	
JL		QIU et al, "Concept Based Query Expansion", SIGIR Forum, Association for Computing Machinery, New York, June 27, 1993, pp. 160-169.	
JL		Beeferman D. & Berger A. "Agglomerative clustering of a search engine query log" Proceedings of the ACM SIGKDD. International conference on Knowledge Discovery and Data Mining, ACM, US, 2000, pages 407-416, XP002339640	
JL		Srivastava et al. "Discovery and Applications of Usage Patterns from Web Data" Sigkdd Explorations, January 2000 (2000-20001); pages 12-23, XPoo2241892 "the whole document"	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/825,894
		Filing Date	April 15, 2004
		First Named Inventor	Zeng
		Group Art Unit	
		Examiner Name	
Sheet 1	of 1	Attorney Docket Number	MS1-1890US

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JL		SLATTERY S. et al.; "Combining Statistical and Relational Methods for Learning in Hypertext Domains" Lecture Notes in Computer Science, 1998, pgs 38-52	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/825,894
		Filing Date	April 15, 2004
		First Named Inventor	Zeng
		Group Art Unit	2171
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	MS1-1890US	

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JL		CHAKRABARTI S."Data Mining for Hypertext: A tutorial survey" SIGKDD Explorations vol 1 issue 2, January 2000, 11 pages	
JL		COHN et al.; "The Missing Link - A Probabilistic Model of Document Content and Hypertext Connectivity" Proceedings of Neural Information Processing Systems, 2001, 7 pages	
JL		DHILLON et al.; "Efficient Clustering of Very Large Document Collections" Data Mining, for Scientific and Engineering Applications, Chapter 1, Kluwer Academic Publishers, 2001, pages 1-25	
JL		LIU et al.; "Clustering Through Decision Tree Construction" 9th International Conference on Information and Knowledge Management, 2000, 10 pages	
JL		KLEINBERG J. M.; "Authoritative Sources in a Hyperlinked Environment" Proceedings of the ACM-SIAM Symposium on Discrete Algorithms, 1998, 34 pages	
JL		HEER et al.; "Identification of Web User Traffic Composition using Multi-Modal Clustering and Information Scent" 1st SIAM ICDM Workshop on Web Mining, Chicago 2001. 13 pages	
JL		GIBSON et al.; "Inferring Web Communities from Link Topology" Proceedings of the 9th ACM Conference on Hypertext and Hypermedia, 1998, 17 pages	
JL		NEVILLE et al; "Iterative Classification in Relational Data" Proceedings AAAI-2000 Workshop on Learning Statistical Models from Relational Data, AAAI Press 2000, pages 42-49	
JL		STEINBACH et al.; "A Comparison of Document Clustering Techniques" 6th ACM SIGKDD World Text Mining Conference Boston, 2000, 2 pages	
JL		SU et al.; "Correlation-based Document Clustering using Web Logs" Proceedings of the 34th Hawaii International Conference on System Sciences, 2001, 7 pages	
JL		TASKAR et al.; "Probabilistic Classification and Clustering in Relational Data" Proceedings of the 34th Hawaii International Conference on System Sciences. 2001. 7 pages	

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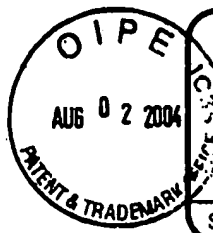
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		Filing Date	April 15, 2004
		First Named Inventor	Zeng
		Group Art Unit	2171
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JL		UNGER et al.; "Clustering Methods for Collaborative Filtering" In Workshop on Recommendation System at the 15th National Conference on Artificial Intelligence, 1998, 16 pages	
JL		WEN et al.; "Query Clustering Using User Logs" ACM Transactions on Information Systems vol 20 no 1; January 2002, pages 59-81	
JL		ZENG et al; "A Unified Framework for Clustering Heterogeneous Web Objects" Proceedings of the 3rd international Conference of Web Information System Engineering, Singapore 2002, 10 pages	
JL		"Open Directory Project" http://dmoz.org/ Netscape 1998-2004 1 page	
JL		BERKHIN P.; "Survey of Clustering Data Mining Techniques" Accrue Software Inc.; 2002 pgs 1-56	
JL		YANG et al.; "A Comparative Study on Feature Selection in Text Categorization" Proceedings of the Fourteenth International Conference on Machine Learning, Morgan Kaufmann Publishers Inc., San Francisco 1997, Pages: 412 - 420	

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